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Reference  
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Application No./Patent No.  
03765770.7 - 2114 PCT/US0322585

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Phasex Corporation, et al

### COMMUNICATION

The European Patent Office herewith transmits as an enclosure the supplementary European search report under Article 157(2)(a) EPC for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

☒ Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

### Refund of the search fee

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	US 4 153,063 A (ROSELIUS ET AL) 8 May 1979 (1979-05-08) * column 5, line 14 - column 6, line 8; claims 1,10-12,14,16,17; figures; example 5 * * column 6, lines 24-32 *	1-23	A24B15/28 A24B15/24
X	DE 44 16 785 A1 (KANNERT, GUENTHER, DR., 14059 BERLIN, DE) 16 November 1995 (1995-11-16) * page 2, lines 8-19 *	1,5,17, 23	
X	US 5 119 835 A (HEEMANN ET AL) 9 June 1992 (1992-06-09) * claims; figure 1 *	1,5-15, 23	
X	EP 0 908 185 A (MAX ZELLER SOEHNE AG) 14 April 1999 (1999-04-14) * paragraphs '0009! - '0015!, '0027! - '0031!; claims 1-10; figure *	1-23	
X	US 4 898 188 A (NIVEN, JR. ET AL) 6 February 1990 (1990-02-06) * column 1, line 55 - column 2, line 8; claims 1,4,11,15,20,21; examples *	1-23	TECHNICAL FIELDS SEARCHED (Int.Cl.7) A24B
Y	WO 01/65954 A (BRITISH AMERICAN TOBACCO LIMITED; MCADAM, KEVIN, GERARD; O'REILLY, DA) 13 September 2001 (2001-09-13) * page 1, lines 1-6 * * page 3, line 14 - page 4, line 16; examples; tables 1-3 *	1-23	
Y	WO 02/32420 A (DELTA-9-PHARMA GMBH; MUELLER, ADAM) 25 April 2002 (2002-04-25) * claims; figures *	1-23	
-/-			
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
Place of search The Hague		Date of completion of the search 17 June 2005	Examiner Guyon, R
<b>CATEGORY OF CITED DOCUMENTS</b> X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons &: member of the same patent family, corresponding document			



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**SUPPLEMENTARY  
EUROPEAN SEARCH REPORT**

Application Number  
**EP 03 76 5770**

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
A	EP 0 280 817 A (PHILIP MORRIS PRODUCTS INC) 7 September 1988 (1988-09-07) * the whole document *	1-23	
A	PATENT ABSTRACTS OF JAPAN vol. 018, no. 157 (C-1180), 16 March 1994 (1994-03-16) -& JP 05 329301 A (JAPAN TOBACCO INC), 14 December 1993 (1993-12-14) * abstract; figures *	1-23	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
Place of search <b>The Hague</b>		Date of completion of the search <b>17 June 2005</b>	Examiner <b>Guyon, R</b>
<b>CATEGORY OF CITED DOCUMENTS</b> X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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# ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 03 76 5770

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The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

17-06-2005

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4153063	A	08-05-1979	DE 2043537 A1	31-05-1972
			DE 2142205 A1	15-03-1973
			BE 772099 A1	02-03-1972
			CH 545598 A	15-02-1974
			FR 2106252 A5	28-04-1972
			GB 1357645 A	26-06-1974
			JP 51009838 B	30-03-1976
			NL 7111776 A ,B,	06-03-1972
			SE 390789 B	24-01-1977
			SE 381398 B	08-12-1975
			SE 7409116 A	11-07-1974
			SU 598543 A3	15-03-1978
DE 4416785	A1	16-11-1995	NONE	
US 5119835	A	09-06-1992	DE 4002784 C1	18-04-1991
			EP 0440022 A2	07-08-1991
EP 0908185	A	14-04-1999	EP 0908185 A1	14-04-1999
			AT 204758 T	15-09-2001
			AU 9335798 A	03-05-1999
			WO 9918984 A1	22-04-1999
			DE 59801346 D1	04-10-2001
			EP 1023079 A1	02-08-2000
			ES 2161064 T3	16-11-2001
US 4898188	A	06-02-1990	US 4727889 A	01-03-1988
WO 0165954	A	13-09-2001	AU 3586301 A	17-09-2001
			BR 0109264 A	30-12-2003
			CA 2400408 A1	13-09-2001
			CN 1438843 A	27-08-2003
			EG 22308 A	31-12-2002
			EP 1267650 A1	02-01-2003
			WO 0165954 A1	13-09-2001
			JP 2003526345 T	09-09-2003
			NZ 521065 A	25-02-2005
			US 2004025891 A1	12-02-2004
WO 0232420	A	25-04-2002	DE 10051427 C1	13-06-2002
			AU 1824202 A	29-04-2002
			BR 0114717 A	14-10-2003
			CA 2424356 A1	01-04-2003
			CN 1469741 A	21-01-2004
			CZ 20030843 A3	13-08-2003
			EA 4520 B1	24-06-2004

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 03 76 5770

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

17-06-2005

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0232420	A		WO 0232420 A1	25-04-2002
			EP 1326598 A1	16-07-2003
			HU 0303002 A2	29-12-2003
			JP 2004511517 T	15-04-2004
			NZ 525118 A	26-11-2004
			PL 362446 A1	02-11-2004
			SK 3292003 A3	11-09-2003
			US 2004049059 A1	11-03-2004
			ZA 200302489 A	05-07-2004
EP 0280817	A	07-09-1988	AT 102446 T	15-03-1994
			AU 612128 B2	04-07-1991
			AU 8310987 A	30-06-1988
			BR 8707110 A	02-08-1988
			CA 1317961 C	18-05-1993
			DE 3789300 D1	14-04-1994
			EP 0280817 A2	07-09-1988
			FI 875673 A , B,	30-06-1988
			JP 2694253 B2	24-12-1997
			JP 63229102 A	26-09-1988
			US 5018540 A	28-05-1991
			ZA 8709384 A	28-09-1988
JP 05329301	A	14-12-1993	JP 3264515 B2	11-03-2002